


1. MODIFY A Ø12 SHOULDER SCREW X .75" LG.
MAT'L - STAINLESS STEEL, FINISH: SILVER PLATED
2. THIS IS A ULTRA- HIGH VACUUM COMPONENT (UHV)
3. WHEN MACHINING VACUUM PARTS, USE OF
SILICONE AND SULPHUR-BASED CUTTING FLUIDS
IS PROHIBITED. USE ONE OF THE FOLLOWING:
 - A) CIMCOOL 5 STAR 49
 - B) TRIM SOL

7. DIMENSIONS IN [] ARE MILLIMETERS AND
FOR REF. ONLY



6. HANDLING: THE COMPONENTS SHALL BE HANDLED WITH WHITE SILK GLOVES AND WRAPPED WITH ALUMINUM FOIL TYPE DRY ANNEAL AND UNDER CLEAN ROOM CONDITIONS

7. DIMENSIONS IN [] ARE MILLIMETERS AND FOR REF. ONLY

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION		MATERIAL / SPEC		QTY		
PARTS LIST								
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER		THIS DRAWING IS THE PROPERTY OF				
TOLERANCES		S3230002-00		 ARGONNE NATIONAL LABORATORY				
DECIMALS		ANGULAR		TITLE				
X - .1 [2.5]		DRAWN BY		DATE		ADVANCED PHOTON SOURCE S3 HEAVY LOAD PNEUMATIC 33mm - 8" LINEAR ACTUATOR SHOULDER SCREW		
.XX - .01 [0.25]		MUSCIA		5/8/98				
.XXX - .005 [0.13]		CHECKED BY		DATE				
SURFACE ROUGHNESS		J. CHANG		6/2/98				
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX.		DESIGNER		DATE				
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1		CHANG/MUSCIA		5/8/98				
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		RESPONSIBLE ENGINEER		DATE				
		J. CHANG		6/2/98		APPROVED/RELEASED	DATE	
		MATERIAL				SCALE	SIZE	DRAWING NUMBER
		SEE NOTE #1				1:1	B	S3-230002-00
						SHEET	1 of 1	

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				